

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
 Data File : VW004213.D
 Acq On : 26 Jul 2018 00:39
 Operator : SY/AP
 Sample : J4112-01
 Misc : 9.28G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-01-7-9

Quant Time: Jul 26 05:13:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	408847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188077	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	149537	57.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.20%	
35) Dibromofluoromethane	7.88	113	124682	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
50) Toluene-d8	10.33	98	449878	44.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.40%	
62) 4-Bromofluorobenzene	12.63	95	150077	40.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.78%	

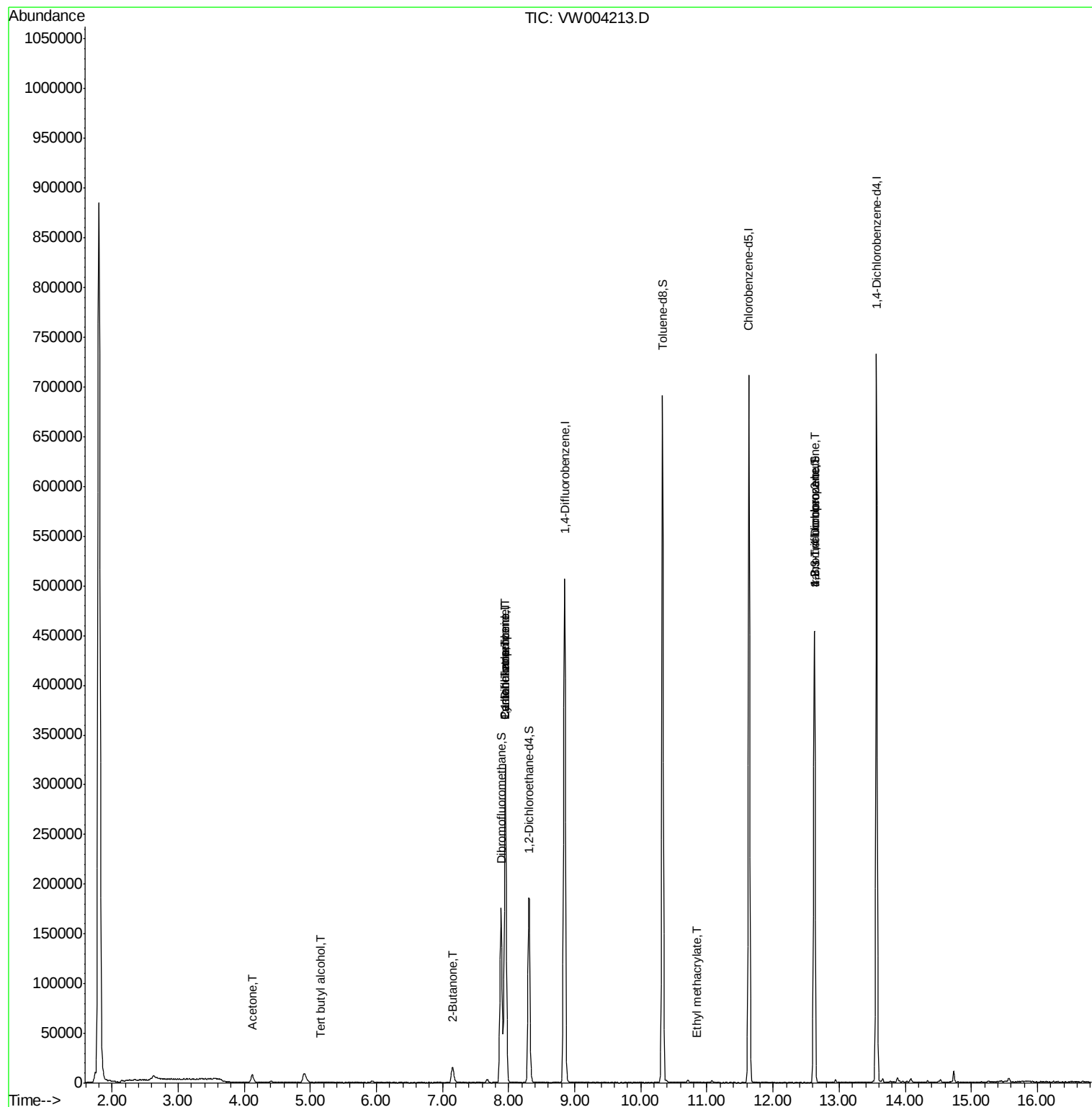
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	392	2.168	ug/l #	72
16) Acetone	4.12	43	13030	20.706	ug/l	100
20) Methylene Chloride	4.91	84	8146	Below Cal		95
25) 2-Butanone	7.16	43	1220	1.441	ug/l #	51
31) Cyclohexane	7.95	56	5403	1.244	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19179	4.559	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23469	5.971	ug/l #	18
56) Ethyl methacrylate	10.84	69	55	2.963	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	75878	40.638	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75878	89.890	ug/l #	11

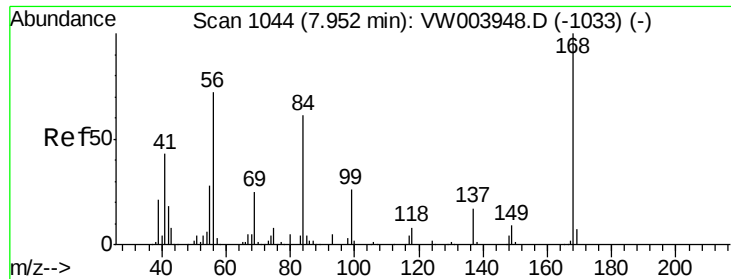
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004213.D

Acq: 26 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

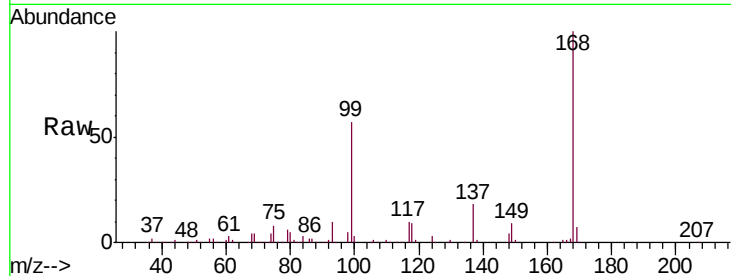
CON-SB-01-7-9

Tgt Ion:168 Resp: 234280

Ion Ratio Lower Upper

168 100

99 56.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

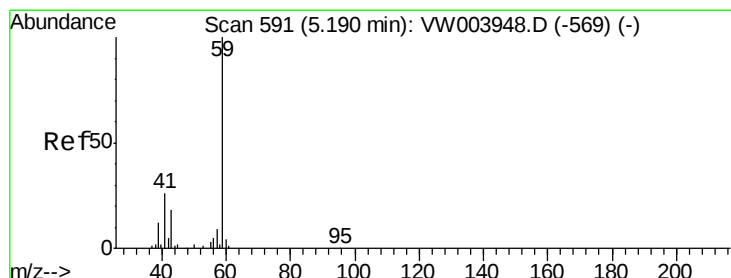
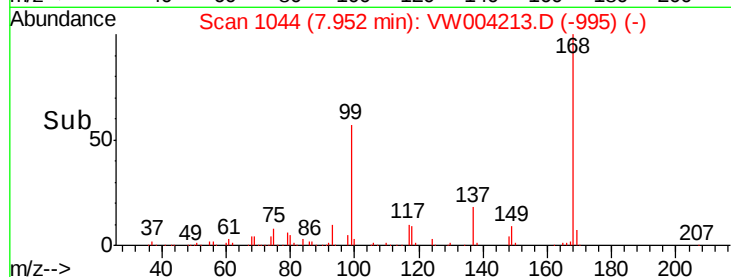
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.168 ug/l

RT: 5.16 min Scan# 586

Delta R.T. -0.03 min

Lab File: VW004213.D

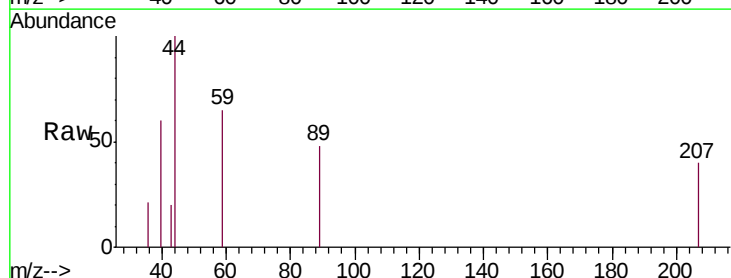
Acq: 26 Jul 2018 00:39

Tgt Ion: 59 Resp: 392

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

250

200

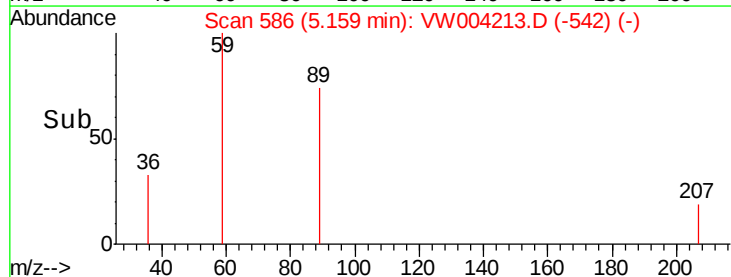
150

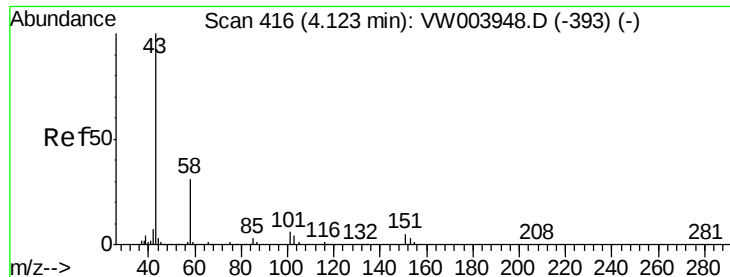
100

50

0

Time-->





#16

Acetone

Concen: 20.706 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW004213.D

Acq: 26 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

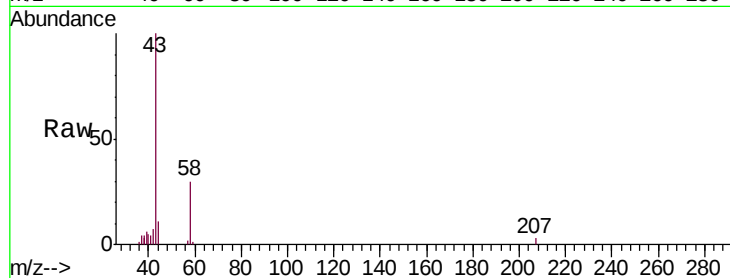
CON-SB-01-7-9

Tgt Ion: 43 Resp: 13030

Ion Ratio Lower Upper

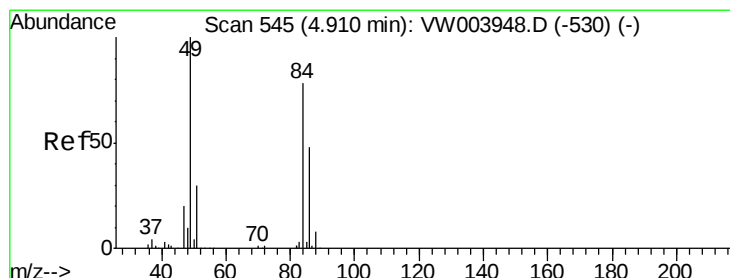
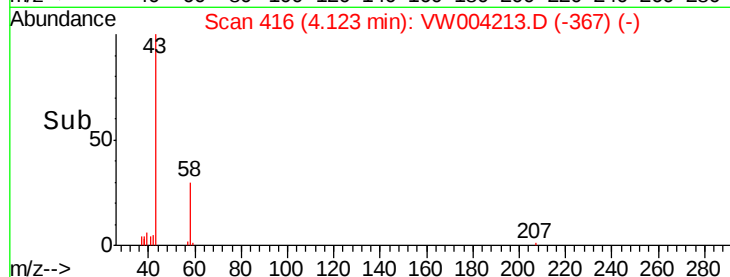
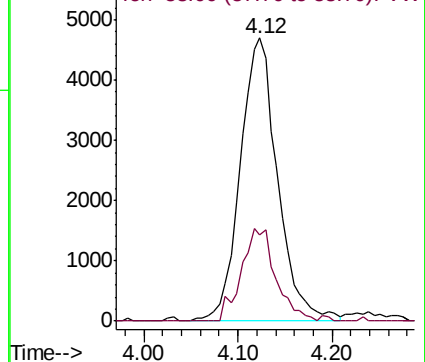
43 100

58 30.4 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004213.D

Acq: 26 Jul 2018 00:39

Tgt Ion: 84 Resp: 8146

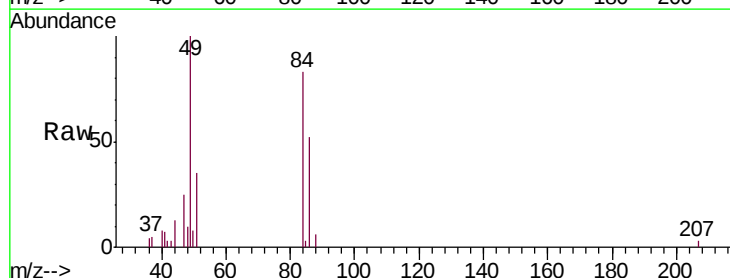
Ion Ratio Lower Upper

84 100

49 121.2 102.9 154.3

51 43.0 30.9 46.3

86 63.0 49.9 74.9

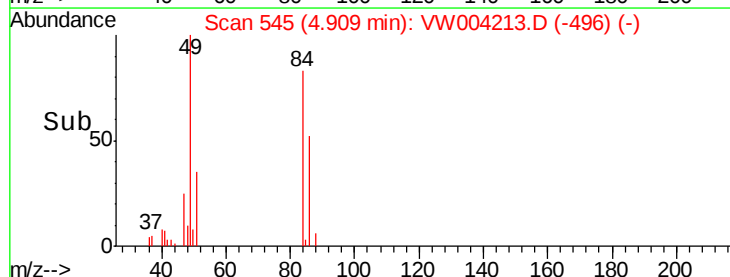
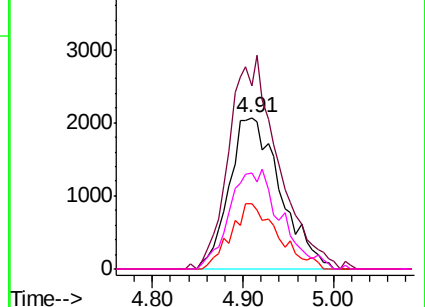


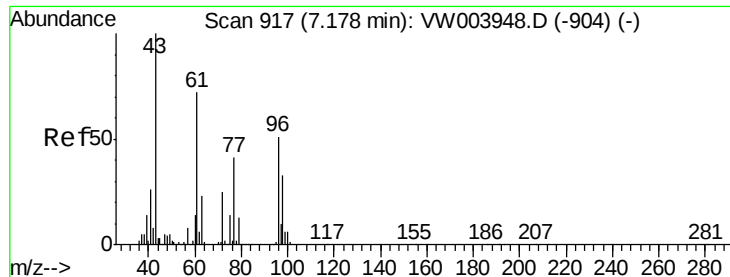
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 1.441 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.02 min

Lab File: VW004213.D

Acq: 26 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

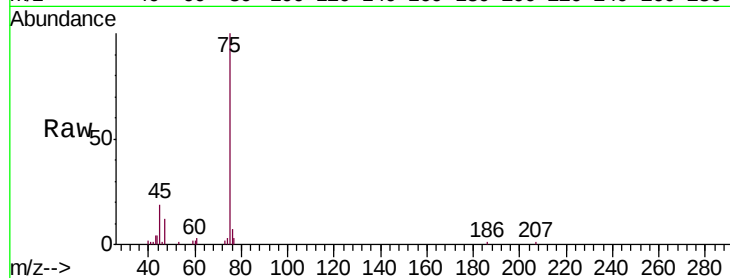
CON-SB-01-7-9

Tgt Ion: 43 Resp: 1220

Ion Ratio Lower Upper

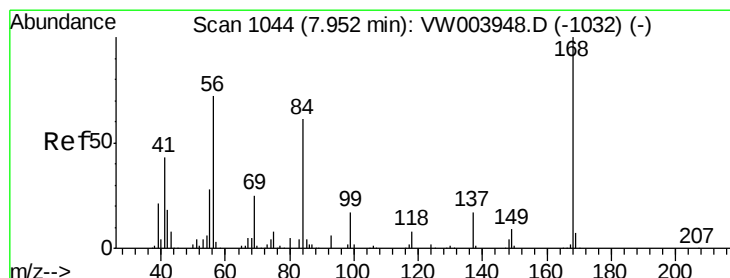
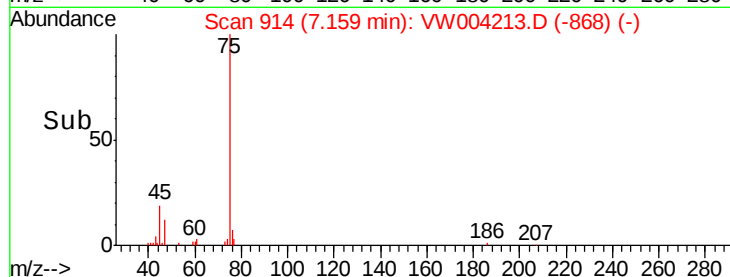
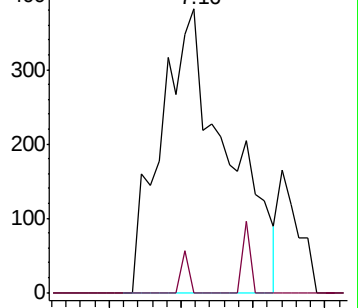
43 100

72 0.0 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.244 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004213.D

Acq: 26 Jul 2018 00:39

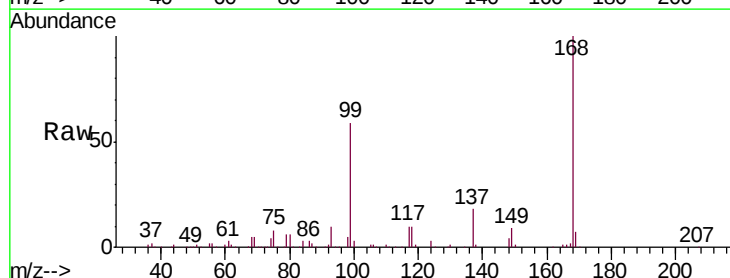
Tgt Ion: 56 Resp: 5403

Ion Ratio Lower Upper

56 100

69 186.9 27.8 41.8#

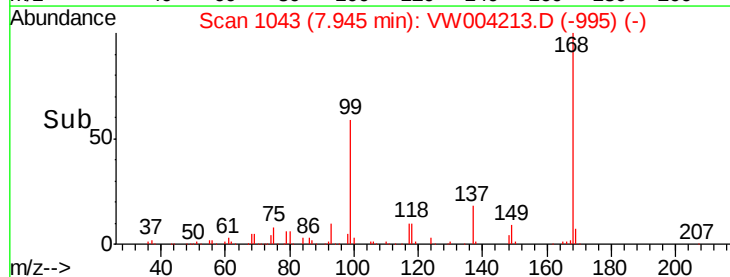
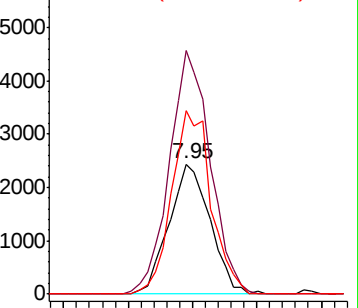
84 141.2 67.2 100.8#

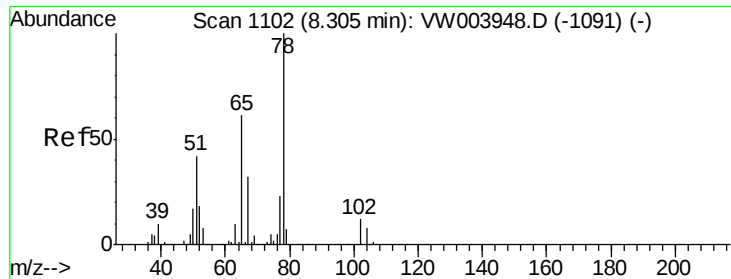


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

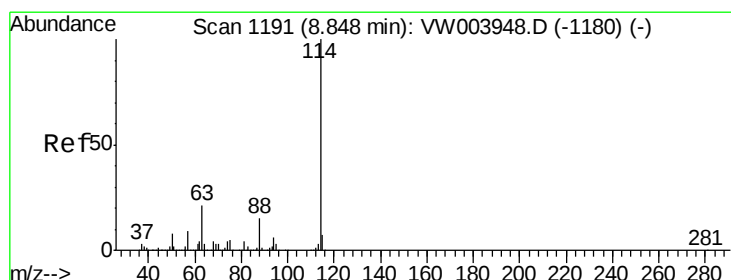
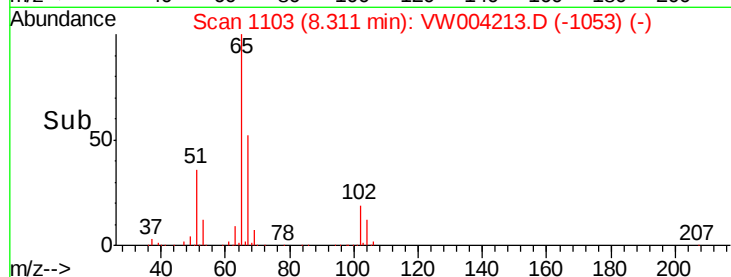
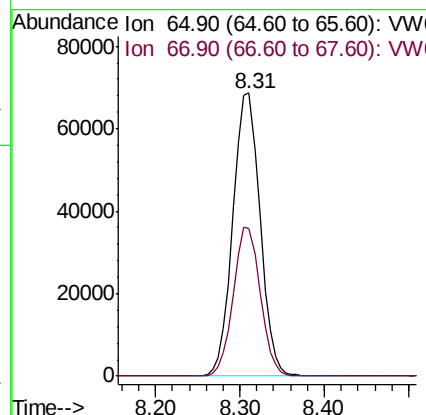
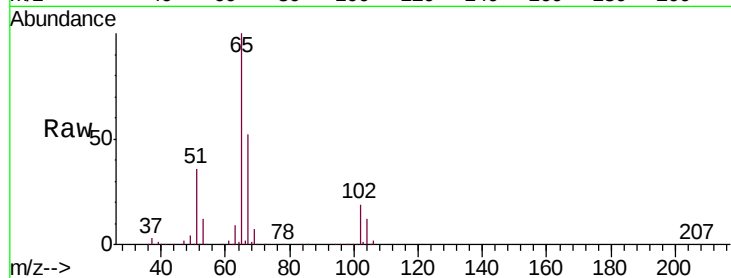




#33
 1,2-Dichloroethane-d4
 Concen: 57.102 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004213.D
 Acq: 26 Jul 2018 00:39

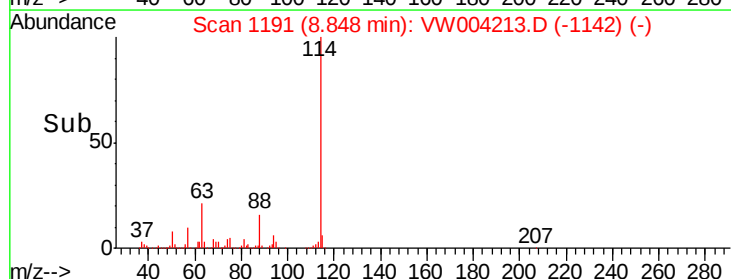
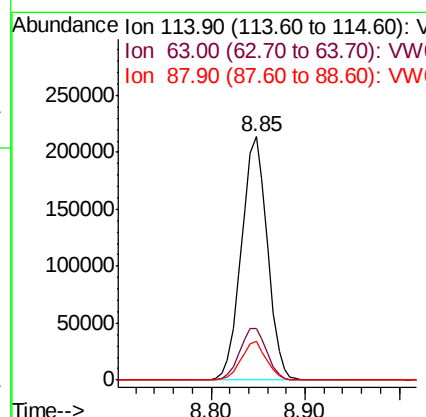
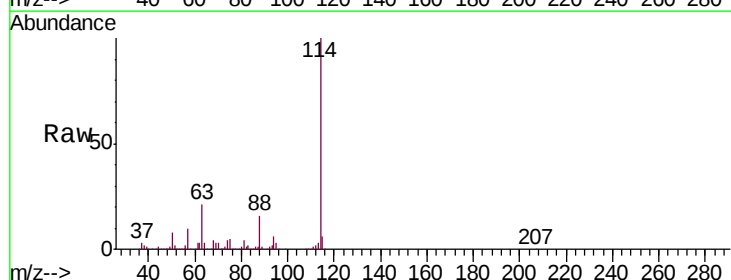
Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-01-7-9

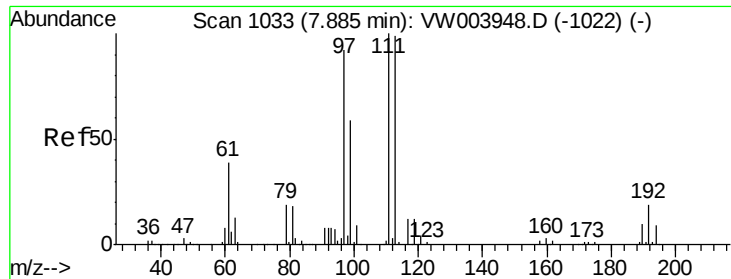
Tgt Ion: 65 Resp: 149537
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004213.D
 Acq: 26 Jul 2018 00:39

Tgt Ion: 114 Resp: 408847
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.8
 88 16.0 0.0 30.4

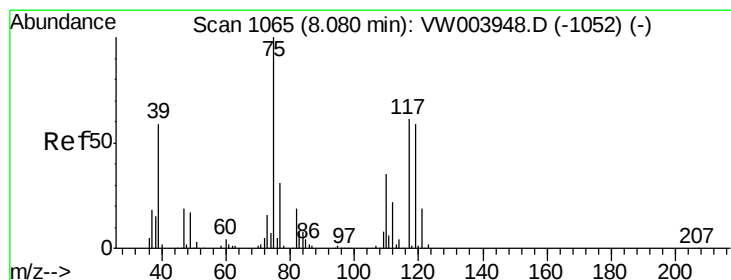
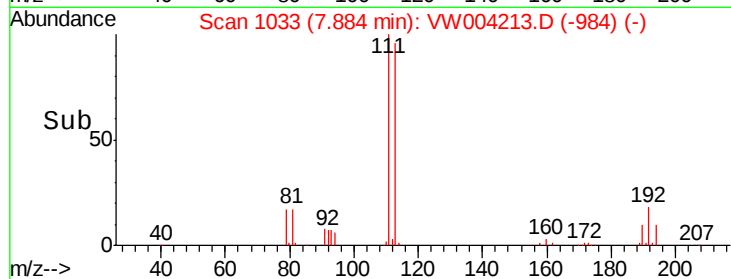
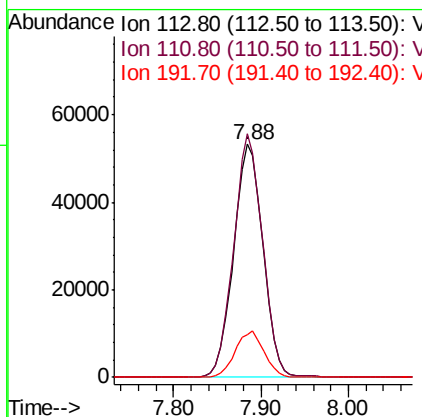
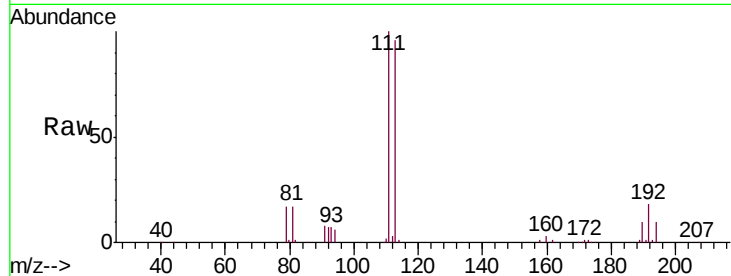




#35
 Dibromofluoromethane
 Concen: 47.529 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004213.D
 Acq: 26 Jul 2018 00:39

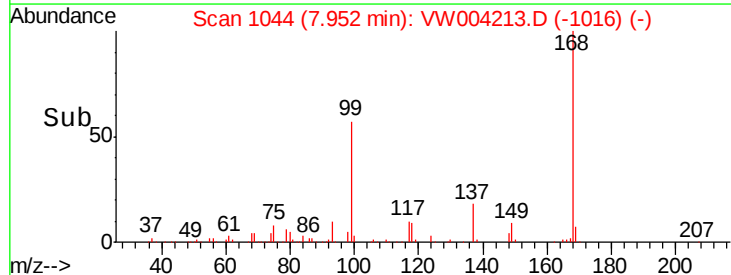
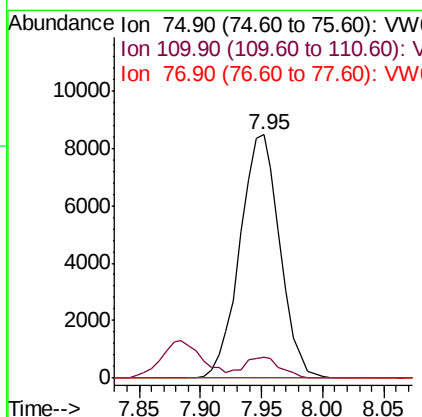
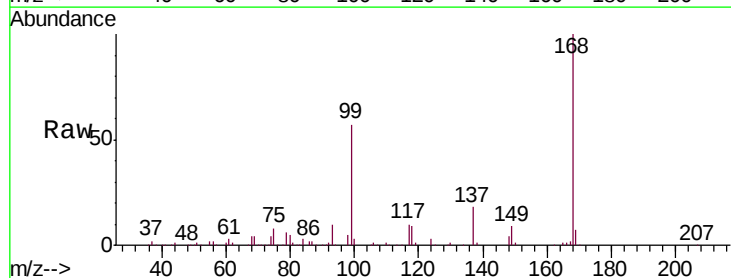
Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-01-7-9

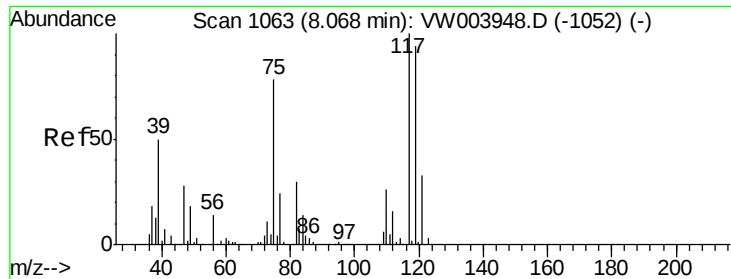
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	19.6	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.559 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004213.D
 Acq: 26 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.0	51.0#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.971 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004213.D

Acq: 26 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-01-7-9

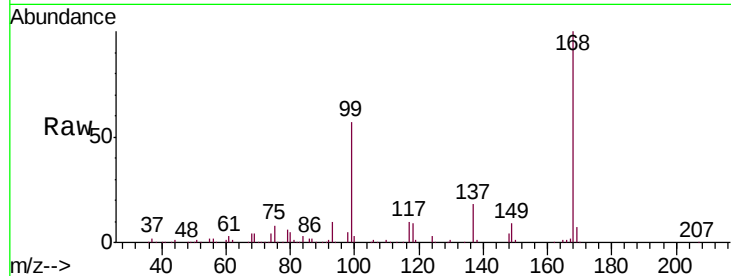
Tgt Ion:117 Resp: 23469

Ion Ratio Lower Upper

117 100

119 6.5 75.3 112.9#

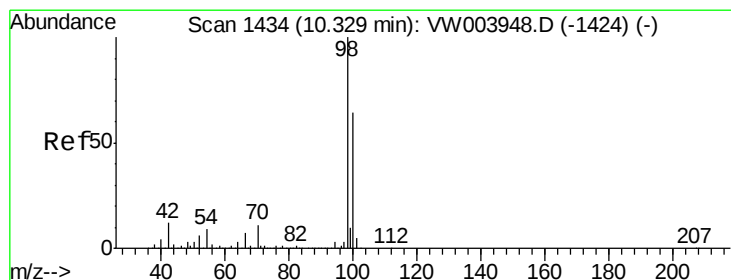
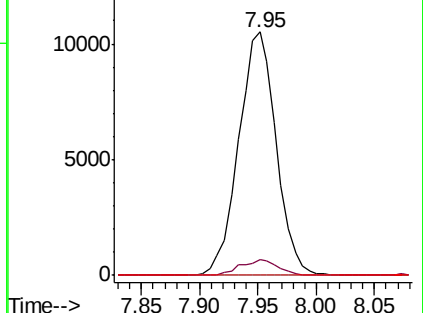
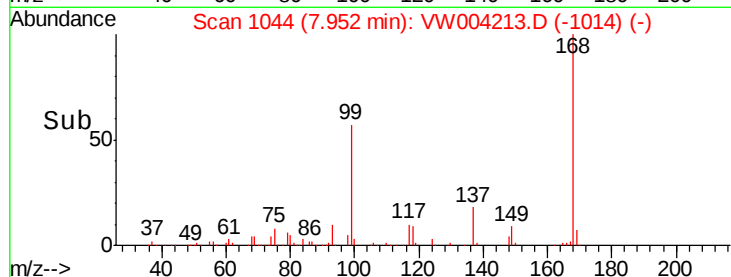
121 0.0 26.0 39.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 44.197 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004213.D

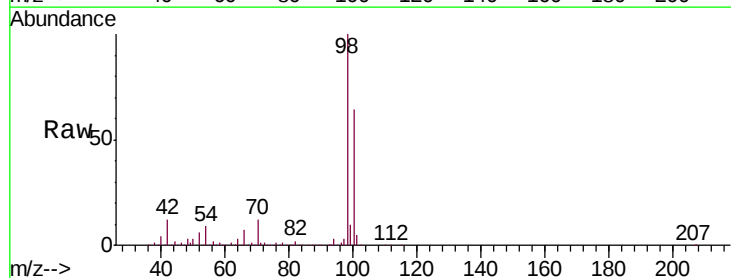
Acq: 26 Jul 2018 00:39

Tgt Ion: 98 Resp: 449878

Ion Ratio Lower Upper

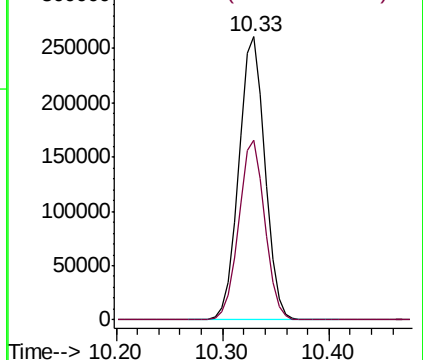
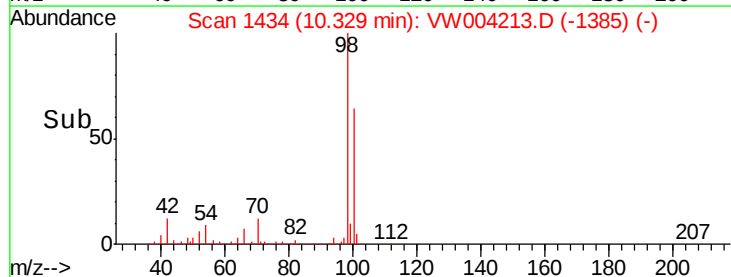
98 100

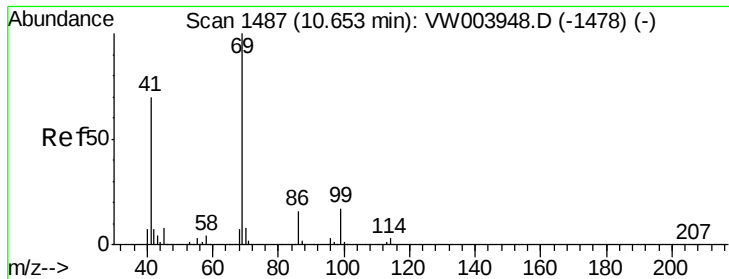
100 63.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 2.963 ug/l

RT: 10.84 min Scan# 1518

Delta R.T. 0.19 min

Lab File: VW004213.D

Acq: 26 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampled :

CON-SB-01-7-9

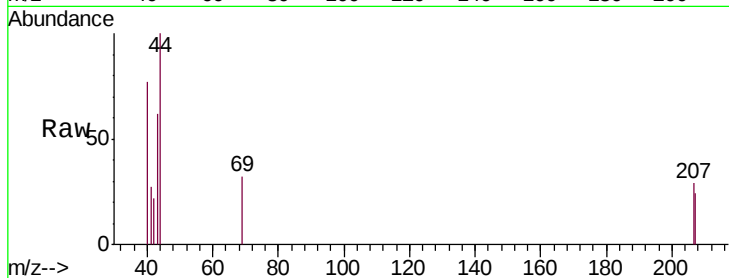
Tgt Ion: 69 Resp: 55

Ion Ratio Lower Upper

69 100

41 356.4 56.5 84.7#

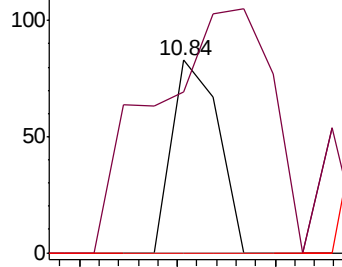
39 0.0 30.2 45.4#



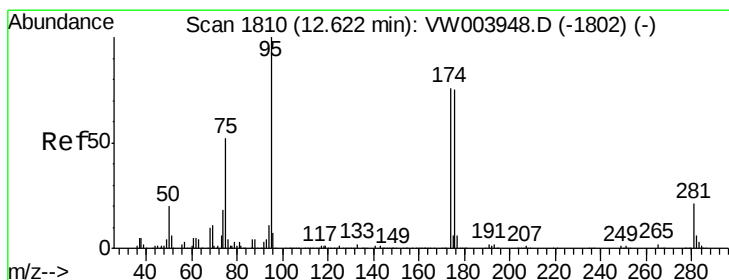
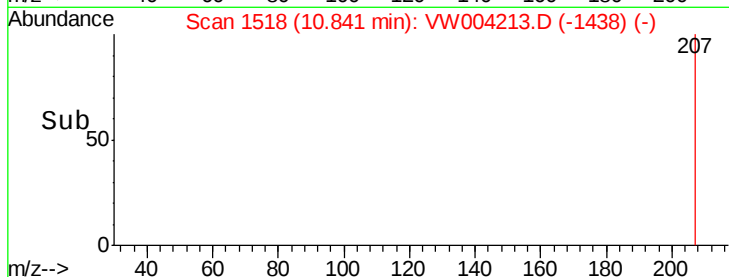
Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 40.887 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004213.D

Acq: 26 Jul 2018 00:39

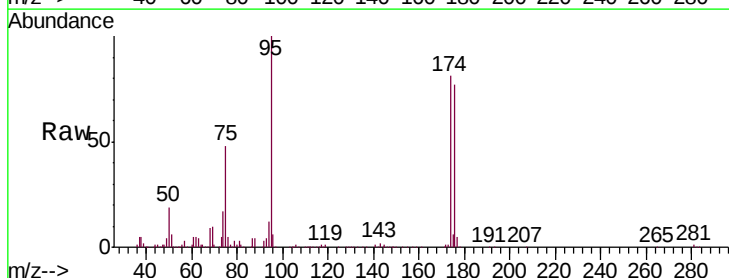
Tgt Ion: 95 Resp: 150077

Ion Ratio Lower Upper

95 100

174 79.3 0.0 160.2

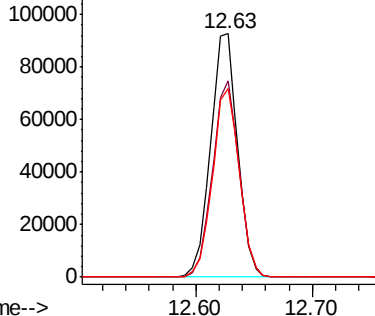
176 77.1 0.0 155.8



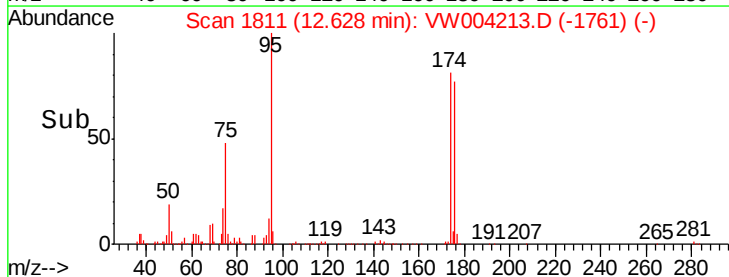
Abundance Ion 94.90 (94.60 to 95.60): VW

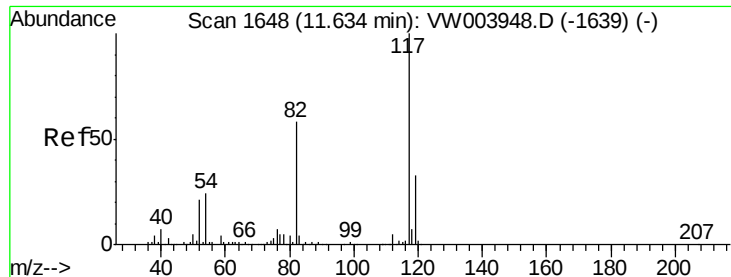
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

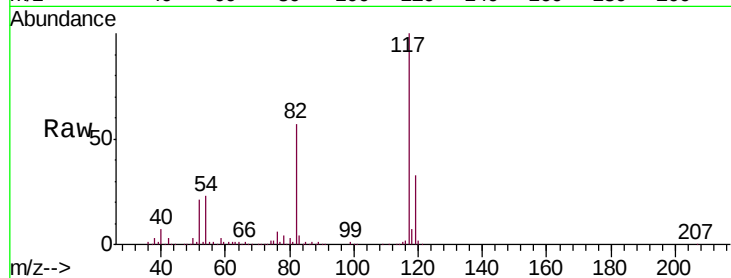




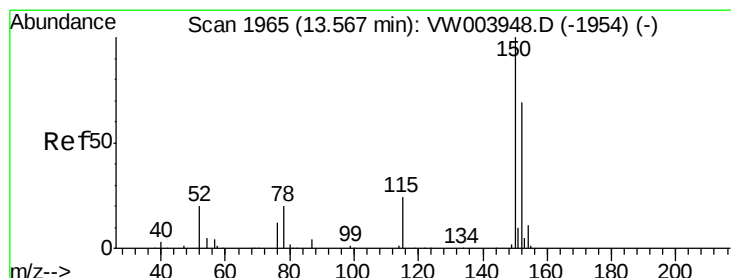
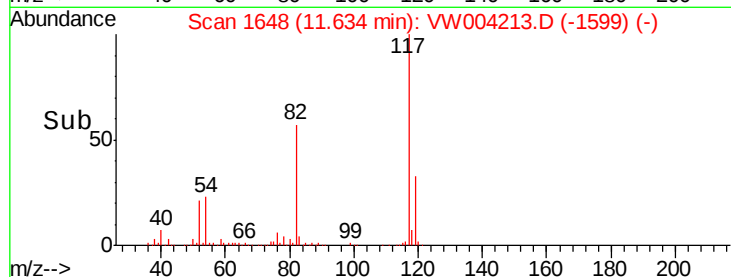
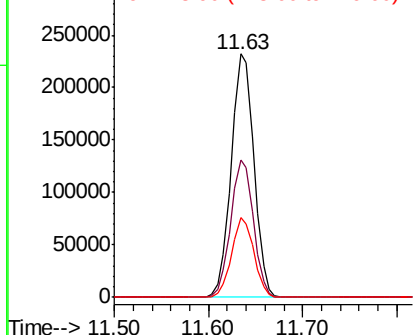
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004213.D
Acq: 26 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
CON-SB-01-7-9

Tgt Ion:117 Resp: 388723
Ion Ratio Lower Upper
117 100
82 56.6 46.5 69.7
119 32.5 26.2 39.2

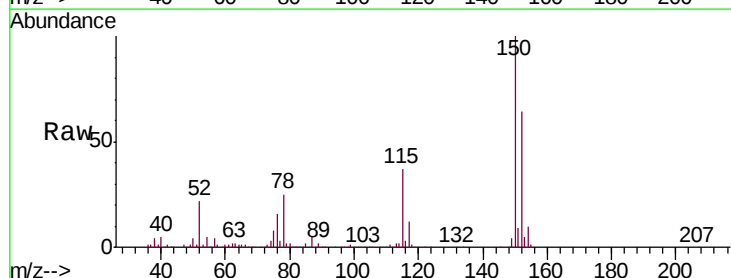


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

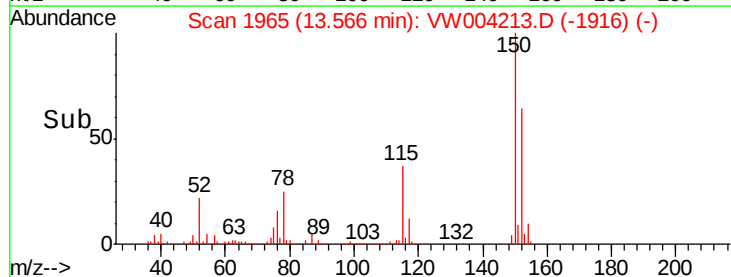
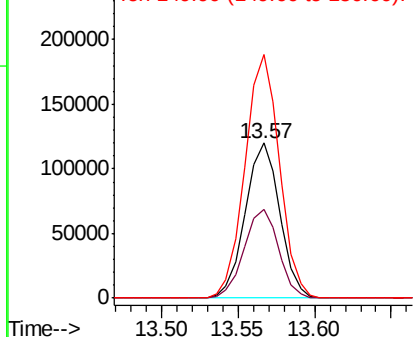


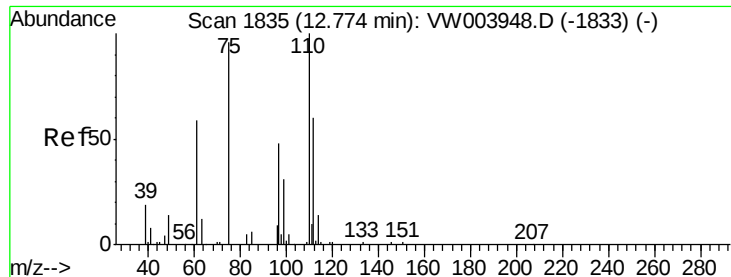
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004213.D
Acq: 26 Jul 2018 00:39

Tgt Ion:152 Resp: 188077
Ion Ratio Lower Upper
152 100
115 57.7 29.2 87.6
150 156.6 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 40.638 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004213.D

Acq: 26 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

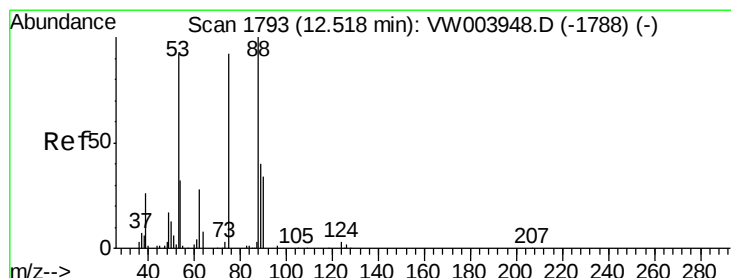
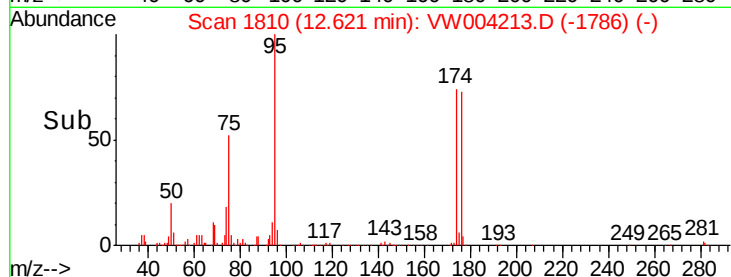
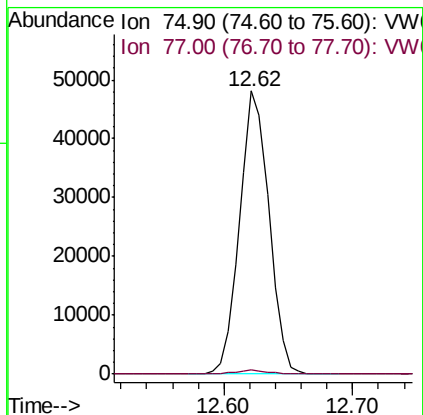
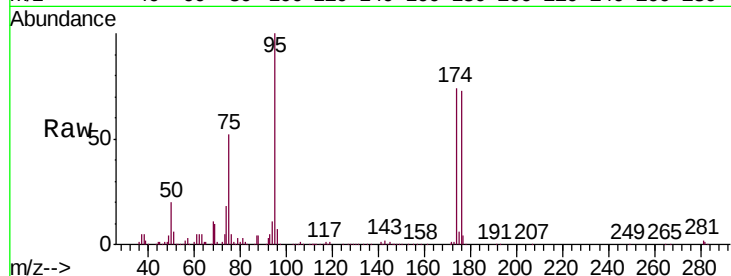
CON-SB-01-7-9

Tgt Ion: 75 Resp: 75878

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.890 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004213.D

Acq: 26 Jul 2018 00:39

Tgt Ion: 75 Resp: 75878

Ion Ratio Lower Upper

75 100

53 0.3 77.6 116.4#

89 0.0 36.6 54.8#

